

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000194

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: C07K 14/47, 19/00, A61K 38/17, A61P 31/04.

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN File Registry Subsequence Search, ANGIS Blastp seq. Id. No. 1.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	Protein Engineering, vol. 16, no. 8, pages 629-635, 2003, C. LI et al, "Tandem repeats of Sushi3 peptide with enhanced LPS-binding and -neutralizing activities." See entire document.	1-38
X	WO 2001/027289 A2 (NATIONAL UNIVERSITY OF SINGAPORE) 19 April 2001. See especially claims 16, 17, 20, 21, 30 and 33. Pages 9-10 and examples 10 and 11.	15, 16, 30, 31, 33-35, 38
A	Journal of Chromatography B, vol. 759, pages 237-246, 2001, J. L. DING et al, "High-performance affinity capture-removal of bacterial pyrogen from solutions." See entire document.	1-38
A	The Journal of Biological Chemistry, vol. 266, no. 10, pages 6554-6561, 1991, T. MUTA et al, "An endotoxin-sensitive serine protease zymogen with a mosaic structure of complement-like, epidermal growth factor-like, and lectin-like domains." See entire document.	1-38



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
2 August 2004

Date of mailing of the international search report - 6 AUG 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaustalia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer

FRANCES RODEN

Telephone No : (02) 6283 2239

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000194

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Antimicrobial Agents and Chemotherapy, vol. 45, no. 10, pages 2820-2825, 2001, Y. H. YAU et al, "High therapeutic index of factor C sushi peptides: potent antimicrobials against <i>Pseudomonas aeruginosa</i> ." See entire document.	1-38
A	The FASEB Journal, vol. 14, pages 1801-1813, 2000, N. S. TAN et al, "Definition of endotoxin binding sites in horseshoe crab factor C recombinant sushi proteins and neutralization of endotoxin by sushi peptides." See entire document.	1-38
A	Letters in Applied Microbiology, vol. 30, pages 161-166, 2000, J. M. MAURO et al, "Construction and expression of functional multi-domain polypeptides in <i>Escherichia coli</i> : expression of the <i>Neurospora crassa</i> metallothionein gene. See entire document.	1-38

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000194

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in  
Search Report

Patent Family Member

WO 0127289

AU 79803/00

EP 1224299

US 6719973

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX